

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. Application of: Hiroyuki OKADA
For: ACTUATOR AND DRIVING APPARATUS
 THEREOF (**being amended to**
 PIEZOELECTRIC ACTUATOR)

Confirmation No.: To Be Assigned

U.S. Serial No.: To Be Assigned

Filed: Concurrently

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

Prior Application:

Serial No.: 09/456,184

Confirmation No.: 6102

Filed: December 7, 1999

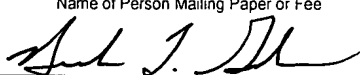
Group Art Unit: 2834

Examiner: Thomas M. Dougherty

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

EXPRESS MAIL MAILING LABEL NO.: EL794576442US DATE OF DEPOSIT: OCTOBER 31, 2003 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to MAIL STOP PATENT APPLICATION , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 DERRICK T. GORDON _____ Name of Person Mailing Paper or Fee  _____ Signature October 31, 2003 _____ Date of Signature

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant wishes to bring the following items to the attention of the Examiner. In keeping with the waiver by the Patent and Trademark Office of the requirement under 37 C.F.R.

Attorney Docket No.: 15162/01321
Information Disclosure Statement Accompanying
New Divisional Utility Application of Co-Pending
U.S. Patent Application Serial No. 09/456,184
Dated October 31, 2003

1.98(a)(2)(i) to furnish copies of U.S. patents for patent applications filed after June 30, 2003, Applicant is enclosing only a copy of the foreign document listed below as document (3) for the convenience of the Examiner.

No representation is made, and no representation is intended, that more relevant material does not exist, or that the order of presentation of this material in any way reflects its relative pertinence. The references cited below are not intended to constitute an admission of any kind. Specifically, this presentation is not an admission that the items listed below are properly citable against the above-identified new divisional application.

All of the references listed below were cited in Serial No. 09/456,184, the parent application of the present new divisional application.

- (1) Mori et al., U.S. Patent No. 4,613,782, issued September 23, 1986;
- (2) Myers, U.S. Patent No. 4,653,101, issued March 24, 1987;
- (3) European Patent Publication No. 0 347 846 A2 (HITACHI, LTD.), published December 27, 1989;
- (4) Komoda, U.S. Patent No. 5,101,178, issued March 31, 1992;
- (5) Naito, U.S. Patent No. 5,210,454, issued May 11, 1993;
- (6) Myohga et al., U.S. Patent No. 5,319,278, issued June 7, 1994;
- (7) Yoshida et al., U.S. Patent No. 5,589,723, issued December 31, 1996;
- (8) Tsukimoto et al., U.S. Patent No. 5,646,469, issued July 8, 1997;
- (9) Okazaki, U.S. Patent No. 5,783,899, issued July 21, 1998;

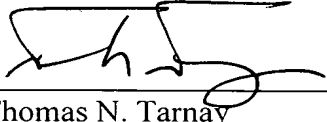
Attorney Docket No.: 15162/01321
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U.S. Patent Application Serial No. 09/456,184
Dated October 31, 2003

- (10) Kobayashi et al., U.S. Patent No. 5,912,525, issued June 15, 1999;
- (11) Treu, Jr., U.S. Patent No. 5,945,768, issued August 31, 1999;
- (12) Nakano et al., U.S. Patent No. 5,969,464, issued October 19, 1999; and
- (13) Atsuta et al., U.S. Patent No. 6,133,671, issued October 17, 2000.

As this Information Disclosure Statement is being filed concurrently with the new divisional application, no fee is incurred. However, if it should be determined that a fee is required, please charge any required fee (other than the issue fee) during the pendency of this application to Sidley Austin Brown & Wood's Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

Respectfully submitted,

By: _____


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October 31, 2003

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known				
				Application Number		To Be Assigned		
				Confirmation No.		To Be Assigned		
				Filing Date		Concurrently		
				First Inventor		Hiroyuki OKADA		
				Group Art Unit		To Be Assigned		
				Examiner Name		To Be Assigned		
Sheet	1	of	1	Attorney Docket No.		15162/01321		
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
	(1)	4,613,782		Mori et al.	09/23/86	310	323	
	(2)	4,653,101		Myers	03/24/87	381	64	
	(4)	5,101,178		Komoda	03/31/92	331	158	
	(5)	5,210,454		Naito	05/11/93	310	317	
	(6)	5,319,278		Myohga et al.	06/07/94	310	323	
	(7)	5,589,723		Yoshida et al.	12/31/96	310	328	
	(8)	5,646,469		Tsukimoto et al.	07/08/97	310	323.01	
	(9)	5,783,899		Okazaki	07/21/98	310	317	
	(10)	5,912,525		Kobayashi et al.	06/15/99	310	323	
	(11)	5,945,768		Treu, Jr.	08/31/99	310	316.01	
	(12)	5,969,464		Nakano et al.	10/19/99	310	328	
	(13)	6,133,671		Atsuta et al.	10/17/00	310	316.01	
FOREIGN PATENT DOCUMENTS								
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No		
	(3)	EP	0 347 846 A2		12/27/89			
NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
Examiner Signature					Date Considered			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.